



07 MAR 2006 PCT #
Patent
Attorney Docket No. 1018793-000272

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Shoji OBUCHI et al.

Application No.: 10/506,439

Filing Date: September 2, 2004

Title: LACTIC ACID-BASED RESIN COMPOSITION

MAIL STOP ISSUE FEE

Group Art Unit: 1713

Examiner: ROBERT D HARLAN

Confirmation No.: 8352

THIRD
INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is a THIRD Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☐ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☒ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge _____ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of _____ is enclosed for the fee due.
- ☒ Charge \$ 180.00 to credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

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Date: March 7, 2006

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(8/05)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)	MAIL STOP ISSUE FEE
Shoji Obuchi et al.)	Group Art Unit: 1713
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For: LACTIC ACID-BASED RESIN COMPOSITION)	

COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the statement of reasons for allowance provided with the Notice of Allowance dated December 21, 2005, applicants note that the Examiner has referred to JP 08-333550A as teaching a binder comprising lactic acid polymer and multi-olefin/(meth)acrylic or esters thereof copolymer.

Applicants respectfully submit that the Examiner's description of the '550 publication is not correct. The '550 publication discloses an adhesive sheet comprising a surface base material, an adhesive layer and a release sheet. The surface base layer is a film composed of lactic acid-based polymer and the adhesive layer is a copolymer layer obtained by neutralization of a carboxylic acid-modified rosin-containing acrylic acid ester copolymer with an alkali substance. The carboxylic acid -modified rosin containing acrylic acid ester copolymer is prepared from (a) carboxylic acid-modified rosin ester monomer, (b) (poly)ethyleneglycol (meth)acrylate, (c) C₄ - C₁₈ alkyl ester monomer of (meth)acrylic acid, (d) ethylenically unsaturated carboxylic acid-containing monomer, and (e) a monomer copolymerizable with the above-mentioned (a), (b), (c) and (d).

Therefore, contrary to the Examiner's statement, the '550 publication does not teach a binder comprising lactic acid polymer and multi-olefin/(meth)acrylic or esters thereof copolymer. The lactic acid polymer constitutes the surface base material.

Should the Examiner wish to discuss any aspect of the present application, he is invited to contact the undersigned attorney at the number provided below.

Respectfully submitted,

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